UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,010,029 B1
APPLICATION NO. : 09/687238
DATED : March 7, 2006
INVENTOR(S) : Ayman F. Naguib and Arthur R. Calderbank

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATION

On the Coversheet, (57) ABSTRACT, the equation in the Abstract

" $$\xi_j(k) = \left| r(k) - \sum_{l=L_1+1}^{L_2} \tilde{h}_j(l)\tilde{s}(k-l) - \sum_{l=L_1+1}^{L+1} \tilde{h}_j(l)\hat{s}(k-l) \right|^2$$ "

should read

-- $$\xi_j(k) = \left| r(k) - \sum_{l=0}^{L_1} \tilde{h}_j(l)\tilde{s}(k-l) - \sum_{l=L_1+1}^{L+1} \tilde{h}_j(l)\hat{s}(k-l) \right|^2$$ --

Column 2, line 35, equation

" $$\xi_j(k) = \left| r(k) - \sum_{l=L_1+1}^{L_2} \tilde{h}_j(l)\tilde{s}(k-l) - \sum_{l=L_1+1}^{L-1} \tilde{h}_j(l)\hat{s}(k-l) \right|^2$$ "

should read

-- $$\xi_j(k) = \left| r(k) - \sum_{l=0}^{L_1} \tilde{h}_j(l)\tilde{s}(k-l) - \sum_{l=L_1+1}^{L+1} \tilde{h}_j(l)\hat{s}(k-l) \right|^2$$ --

Signed and Sealed this
Eighth Day of May, 2012

David J. Kappos

David J. Kappos
Director of the United States Patent and Trademark Office

Column 6, line 35, equation

"$$\xi_j(k)=\left|r(k)-\sum_{l=L_1+1}^{L_1}\tilde{h}_j(l)\tilde{s}(k-l)-\sum_{l=L_1+1}^{L+1}\tilde{h}_j(l)\hat{s}(k-l)\right|^2$$"

should read

--$$\xi_j(k)=\left|r(k)-\sum_{l=0}^{L_1}\tilde{h}_j(l)\tilde{s}(k-l)-\sum_{l=L_1+1}^{L+1}\tilde{h}_j(l)\hat{s}(k-l)\right|^2$$--

IN THE CLAIMS

Column 7, line 1, equation

"$$\xi_j(k)=\left|r(k)-\sum_{l=L_1+1}^{L_1}\tilde{h}_j(l)\tilde{s}(k-l)-\sum_{l=L_1+1}^{L+1}\tilde{h}_j(l)\hat{s}(k-l)\right|^2$$"

should read

--$$\xi_j(k)=\left|r(k)-\sum_{l=0}^{L_1}\tilde{h}_j(l)\tilde{s}(k-l)-\sum_{l=L_1+1}^{L+1}\tilde{h}_j(l)\hat{s}(k-l)\right|^2$$--